

## ABSTRACT

A system and method are disclosed which enable remote monitoring of wireless system basestations. Monitoring "probes" are implemented local to wireless system basestations for acquiring parametric measurement values and communicating such parametric measurement values to a remote location. Preferably, measurement values are collected for a comprehensive set of parameters, including at least one wireless link parameter, at least one network link parameter, and at least one operational parameter of a basestation. Also, in a preferred embodiment, acquired measurement data is formatted by the probe into a uniform format. For instance, in one implementation, the acquired measurement data is formatted into a uniform format consistent with well known IEEE 1451.1 and/or 1451.2 transport standard(s). The uniformly formatted data may then be communicated to a remote processor-based system, which may execute a common user interface program to allow access to the data.